

CLAIMS

1. A refrigerating machine oil composition comprising:

a predetermined base oil, and

at least one ester additive selected from monoesters of a monobasic fatty acid having 12 or more carbon atoms and a monohydric alcohol having 1-24 carbon atoms, and esters of a chain-like dibasic acid and a monohydric alcohols.

2. The refrigerating machine oil composition according to claim 1, wherein the content of said ester additive is 0.01-10 mass % based on the total amount of the composition.

3. The refrigerating machine oil composition according to claim 1 or 2, wherein said base oil comprises at least one kind selected from esters of a polyhydric alcohol and a monobasic fatty acid, and esters of an alicyclic dibasic acid and a monohydric alcohol.

4. A refrigerating machine oil composition comprising:
a predetermined base oil, and
at least one oxygen-containing compound selected from the following (A1)-(A6):

(A1) Alkylene oxide adduct of a polyhydric alcohol having 3-6 hydroxyl groups

(A2) Polyalkylene glycol

(A3) Trihydric alcohol having 3-20 carbon atoms apart from (A1)

(A4) Dihydric alcohol having 2-20 carbon atoms apart from (A2)

(A5) Hydrocarbyl ether of (A1)-(A4)

(A6) Hydrocarbyl ester of (A1)-(A4).

5. The refrigerating machine oil composition according to claim 4, further comprising a phosphorus additive.

5 6. The refrigerating machine oil composition according to claim 4 or 5, further comprising a phosphorothionate and a phosphorus additive apart from said phosphorothionate.

7. A refrigerating machine oil composition comprising:
a predetermined base oil, and
at least one oxygen-containing compound selected from the
10 following (A1), (A2), (A4), (A7) and (A8):

(A1) Alkylene oxide adduct of a polyhydric alcohol having 3-6 hydroxyl groups

(A2) Polyalkylene glycol

15 (A4) Dihydric alcohol having 2-20 carbon atoms apart from (A2)

(A7) Hydrocarbyl ether of (A1), (A2) or (A4)

(A8) Hydrocarbyl ester of (A1), (A2) or (A4).

8. The refrigerating machine oil composition according to claim 7, further comprising a phosphorus additive.

20 9. The refrigerating machine oil composition according to claim 7 or 8, further comprising a phosphorothionate and a phosphorus additive apart from said phosphorothionate.